



COMMONWEALTH of VIRGINIA

Department of Health DIVISION OF SHELLFISH SANITATION

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PUNGOTEAGUE CREEK Growing Area # 081 Accomack County Shoreline Sanitary Survey

Date: 6 November 2003

Survey Period: February 14 - October 17, 2003

Total Number of Properties Surveyed: 835

Surveyed By: R.S. Bisker & P.H. Widgen

SECTION A: GENERAL

This survey area extends from Reference Point 81 at WestPoint to Reference Point 82 at Route 633 extended to the Chesapeake Bay shore, including the Chesapeake shoreline between these two points, Pungoteague Creek (Underhill Creek, Bull Branch, Warehouse Prong, Moore Branch, Hollies Church Branch, Taylor Creek, Horse Hole, Buckland Gut, and Hancock Gut) and Butcher Creek. The survey boundary was revised. See map for current survey boundaries.

Elevations in the area rise from 5-10' near the shoreline to approximately 45' at the outer reaches of the survey area. The area is sparsely populated with the exception of the village of Harborton and a residential development near the Eastern Shore Yacht and Country Club. The economy is based predominantly on agricultural, consisting of the cultivation of grain crops and plasticultured tomatoes.

Meteorological data indicated that 38.79" of rain fell during the survey period. A monthly breakdown follows:

February 14-28, 2003	4.08"	July	5.34"
March	4.66"	August	6.27"
April	5.1"	September	1.39"
May	4.55"	October 1-17	0.93"
June	2.94"		

All properties in the survey area are served by on-site sewage disposal systems except property # 7, Pungoteague Elementary School that has a STF.

Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

Information in this report is gathered by and primarily for use of the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data are made available to various agencies participating in shellfish program coordinated activities or other interested parties. The Engineering Appendix is available by request from the Richmond Office of the Division of Shellfish Sanitation.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Sections B.2. and B.3. and the Department of Environmental Quality for possible action at properties listed on the summary page in Sections B.1., C.1. and C.2. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. "**Direct**" indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent resurvey of the area.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

7. **DIRECT** – Occupant: Pungoteague Elementary School, 28480 Bobtown Road, Melfa 23410. Owner: County of Accomack, Accomac 23301. Sewage treatment facility for elementary school. Approximately 580 students, faculty, and staff. Permit #VA0027171. Facilities include a 1000-gallon grease trap, a 9000-gallon septic tank, dosing tank, rotary sand filter, and holding pond. Effluent occasionally discharges into a ditch that drains to Warehouse Prong of Pungoteague Creek. The most recent DEQ/TRO inspection report for this facility is attached.

ON-SITE SEWAGE DEFICIENCIES

3. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) Location: 15138 Half Moon Drive, Onancock, VA 23417. Dwelling- Two story tan frame with blue trim. No contact. 2" pipe discharging to ground surface. Sanitary Notice issued 5-02-03 to field #W133.
5. NO FACILITIES – Location: 711 Mt Nebo Road, Onancock VA 23417. Dwelling - white asbestos board one story bungalow with blue trim. No contact. Sanitary Notice issued 5-16-03 to field #W159.
6. CONTRIBUTES POLLUTION Location: General Delivery, Eastville VA 23347. Dwelling - white frame one story with blue trim. 3 persons. Effluent on ground surface above septic tank. Sanitary Notice issued 8-15-03 to field #W307.
10. CONTRIBUTES POLLUTION – Location: 15518 Country Club Road, Melfa 23410. Dwelling - almond wood frame 1 story. 3 persons. Septic cleanout pipe broken. Sanitary Notice issued 7-25-03 to field #B277.
11. CONTRIBUTES POLLUTION – Location: Pungoteague Road. Dwelling - yellow vinyl siding 1 story. No contact. Sewage pipe from house to septic tank broken. Sanitary Notice issued 6-27-03 to field #B243.

17. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 14248 Tobes Lane, Harborton 23389. Dwelling - yellow wood frame 1 story. 2 persons. Laundry wastes erupting onto ground surface. Sanitary Notice issued 5-2-03 to field #B141.
18. CONTRIBUTES POLLUTION – Location: 28121 Harborton Road, Harborton 23389. Dwelling - white aluminum siding 2 story. 5 persons. Evidence of effluent erupting from septic tank onto ground surface. Sanitary Notice issued 5-2-03 to field #B136.
24. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 27382 Buckland Way. Dwelling- blue vinyl and wood frame siding 1 story. No contact. Laundry wastes piped to ground surface. Sanitary Notice issued 3-14-03 to field #B49.
25. NO FACILITIES – Location: 13572 Hacksneck Road, Box 8, Harborton 23389. Dwelling - white vinyl siding 1 story. 5 persons. Pit privy fallen apart feces disposed in open hole.

CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Kitchen and laundry wastes piped to open hole. Sanitary Notice issued 3-14-03 to field #B31.
26. CONTRIBUTES POLLUTION – Location: 13482 Hacksneck Road. Dwelling - gray metal siding house trailer. 1 person. Pit privy eroded exposing contents and no door on privy. Sanitary Notice issued 3-14-03 to field #B28.
27. CONTRIBUTES POLLUTION, ***DIRECT*** – Location: 12475 Hacksneck Road, Hacksneck 23358. Dwelling - blue vinyl siding 1 story. 6 persons. Effluent erupting from septic tank onto ground surface draining to marsh adjacent to Butcher Creek. Sanitary Notice issued 2-21-03 to field #B13.

POTENTIAL POLLUTION

4. Location: 27111 Mount Vebo Rd, Onancock VA 23417. Dwelling - Gray rancher one story on creek. 1 person. Owner stated that septic system is slow to drain during wet weather and in most winter months.
13. Location: 28315 Harborton Road, Harborton 23489. Dwelling - white aluminum and vinyl siding 1 ½ story. 2 persons. Owner stated that septic system was slow to drain during wet weather.
14. Location: 14196 Johnson Drive. Dwelling - white wood frame 1 story. 1 person. Owner stated that septic system was slow to drain during wet weather.
15. Location: 14197 Johnson Drive, Harborton 23389. Dwelling - white vinyl siding 1 story. 2 persons. Owner stated that septic system was slow to drain during wet weather.
19. Location: 28045 Harborton Road. Dwelling - almond wood frame siding 1 story. 1 person. Occupant stated that septic system was slow to drain during wet weather.
20. Location: 14295 Walker Lane, Harborton 23389. Dwelling- white vinyl siding 2 story. 1 person. Occupant stated that septic system was slow to drain during wet weather.
21. Location: 27491 Dock View Street, PO Box 16, Harborton 23389. Dwelling- tan wood frame siding 2 story. 1 person. Owner stated that septic system was slow to drain during wet weather.

SECTION C: NONSEWAGE WASTE SITES

INDUSTRIAL WASTES

-None-

SOLID WASTE DUMPSITE

8. **DIRECT** – Occupant: Bobtown Landfill, 16640 Hollies Church Road, Melfa 23410. Owner: Accomack County, 23296 Courthouse Avenue, Accomac 23301. Public - county landfill. 7 employees. This landfill is approximately 115 acres. There is a leachate pond that has an overflow pipe that discharges into a ditch that flows to an intermittent stream leading to Warehouse Prong of Pungoteague Creek. See attached warning letter from the Department of Environmental Quality concerning seeping leachate that may reach the shellfish growing waters.

SECTION D: BOATING ACTIVITY

MARINAS

9. Eastern Shore Yacht & Country Club, 14421 Country Club Road, Melfa 23410. Private marina for members and guests. No contact. 23 slips/moorings. Present at time of survey were 11 pleasure boats 26' or less and 1 boat greater than 26'. Boating services provided are fuel, water and electricity. Sanitary facilities provided are 3 commodes, 3 urinals, 3 lavatories, and 4 showers for men; and 3 commodes, 2 lavatories, and 2 showers for women. Sewage disposal is handled by septic tank and drainfield. Has an exemption to the requirement to provide boat holding tank pump-out facilities.

OTHER PLACES WHERE BOATS ARE MOORED

2. Sandpiper Cove Campground, PO Box 164, Onancock VA 23417. Owner: Adele Taylor, PO Box 315, Onancock VA 23417. Private boat ramp and campground. 7 slips/1 mooring. There were no boats present at time of survey. Boating services provided are water, boat ramp, and pier. Sanitary facilities provided are 6 commodes, 4 lavatories, and 2 showers for women; and 4 commodes, 2 urinals, 4 lavatories, and 2 showers for men. Sewage disposal is handled by septic tank and drainfield and these appear to be working satisfactorily at time of survey. Has an exemption to the requirement to provide boat holding tank pump-out facilities. Dump station to empty portable marine toilets provided at this location.
23. Harborton Public Boat Ramp, Shore Drive, Harborton 23389. Owner: Accomack County, Accomac 23301. Public boat ramp. No contact. The only service provided is an in-out boat ramp. Sanitary services provided are 1 privy for men and 1 privy for women. There is a dump station but no sewage holding tank pump-out facilities.

UNDER SURVEILLANCE

22. Harborton Public Dock, Harborton Road, Harborton 23389. Owner: Accomack County, Accomac 23301. Public pier and dock. No contact.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

1. **Direct** – Location: 14389, Barn Woods Rd. Onancock VA 23417. Agricultural- 4 broiler houses. Contact with employee. Present at time of survey were approximately 100,000 broilers. Adjacent to the broiler houses is a covered building used for manure storage. Also present at time of survey were 13 cows in pasture that is within 10' of Underhill Creek.
12. Location: 15201 Riverside Drive, PO Box 165, Pungoteague 23422. Agricultural- white aluminum siding 1 story hog house. Present at time of survey were 5 hogs in house. Waste holding tank in building is pumped to mobile tank to apply on farmland.
16. **DIRECT** – Location: 14293 Adams Lane, PO Box 2, Harborton 23389. Dwelling- white vinyl siding 2 story. Present at time of survey were 5 goats & 9 kids in fence pen with access to ditch that drains to creek.

SUMMARY

Area # 081
Pungoteague Creek
6 November 2003

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

- 1 – DIRECT – # 7
- 0 – INDIRECT – None
- 1 – B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES – Correction of deficiencies in this section is the responsibility of the local health department.

- 1 – CONTRIBUTES POLLUTION, DIRECT – # 27
- 5 – CONTRIBUTES POLLUTION, INDIRECT – # 6, 10, 11, 18, 26
- 0 – CP (Kitchen or Laundry Wastes), DIRECT – None
- 4 – CP (Kitchen or Laundry Wastes), INDIRECT – # 3, 17, 24, 25
- 0 – NO FACILITIES, DIRECT – None
- 2 – NO FACILITIES, INDIRECT – # 5, 25
- 2 – B.2. TOTAL

3. POTENTIAL POLLUTION – Periodic surveillance of these properties will be maintained to determine any status change.

- 7 – POTENTIAL POLLUTION – # 4, 13, 14, 15, 19, 20, 21

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

- 0 – DIRECT – None
- 0 – INDIRECT – None
- 0 – C.1. TOTAL

2. SOLID WASTE DUMPSITES

- 1 – DIRECT – # 8
- 0 – INDIRECT – None
- 1 – C. 2. TOTAL

SECTION D: BOATING ACTIVITY

- 1 – MARINAS – # 9
- 2 – OTHER PLACES WHERE BOATS ARE MOORED – # 2, 23
- 1 – UNDER SURVEILLANCE – # 22
- 4 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

- 2 – DIRECT – # 1, 16
- 1 – INDIRECT – # 12
- 3 – E. TOTAL

Virginia Department of Health
Division of Shellfish Sanitation

Pungoteague Creek
81
Shoreline Sanitary Survey

Accomack County

Date: November 6, 2003
Survey By: R. S. Bisker, P.H. Widgen
Number of Properties Surveyed: 835



0 0.2 0.4 0.6 0.8 Miles



- Legend**
Shoreline Survey Deficiencies
POLLUTION TYPE
- ★ Sewage Treatment Facility - Direct
 - ★ Sewage Treatment Facility - Indirect
 - ★ Sewage Treatment Facility - Unknown
 - Contributes Pollution - Direct
 - Contributes Pollution - Indirect
 - Contributes Pollution - Unknown
 - ▲ Contributes Pollution (Kitchen or Laundry wastes) - Direct
 - ▲ Contributes Pollution (Kitchen or Laundry wastes) - Indirect
 - ▲ Contributes Pollution (Kitchen or Laundry wastes) - Unknown
 - No Facilities - Direct
 - No Facilities - Indirect
 - No Facilities - Unknown
 - ◆ Potential Pollution
 - Industrial Wastes - Direct
 - Industrial Wastes - Indirect
 - Solid Waste Dumpsite - Direct
 - Solid Waste Dumpsite - Indirect
 - Solid Waste Dumpsite - Unknown
 - ▲ Boating Activity
 - ▲ Contributes Animal Pollution - Direct
 - ▲ Contributes Animal Pollution - Indirect
 - ▲ Contributes Animal Pollution - Unknown
 - ▲ Stormwater Runoff
- TYPE**
- ▨ Sewered areas

